L	Hits	Search Text	DB	Time stamp
Number				
58	4	gunn and pinguet	USPAT;	2004/09/15
			US-PGPUB;	13:37
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
59	2	gunn and pinguet and germanium	USPAT;	2004/09/15
			US-PGPUB;	13:37
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
60	6	luxtera	USPAT;	2004/09/15
			US-PGPUB;	13:38
	•		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
61	2	luxtera and germanium	USPAT;	2004/09/15
	, i		US-PGPUB;	13:39
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
62	. 0	(waveguide same (core with germanium	USPAT;	2004/09/15
-		with silicon with heterojunction))	US-PGPUB;	13:40
		with singen with neterojunation,	EPO; JPO;	10.40
			DERWENT;	:
			IBM_TDB	
63	0	((core with germanium with silicon with	USPAT;	2004/09/15
	_	heterojunction))	US-PGPUB;	13:41
			EPO; JPO;	13.41
			DERWENT;	
			IBM_TDB	
64	0	((core with germanium with	USPAT;	2004/09/15
	•	heterojunction))	US-PGPUB;	13:41
			EPO; JPO;	13.41
			DERWENT;	
			IBM_TDB	
65	2243	((core with germanium))	USPAT;	2004/09/15
33	2243	((Core with germanium))	US-PGPUB;	2004/09/15 13:42
			EPO; JPO;	13:42
			DERWENT;	
			1	
66	219	waveguide same cladding with ((core with	IBM_TDB USPAT;	2004/09/15
00	215		1	
		germanium))	US-PGPUB;	13:42
			EPO; JPO;	
			DERWENT;	
	005		IBM_TDB	0004/00/47
67	295	waveguide same cladding same ((core with	USPAT;	2004/09/15
		germanium))	US-PGPUB;	13:42
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

68	0	waveguide same cladding same ((core with	USPAT;	2004/09/15
		germanium)) same heterojunction	US-PGPUB;	13:42
		germanian,, same necesojanonen	EPO; JPO;	10.42
			DERWENT;	
			IBM_TDB	
69	63	waveguide same cladding same ((core with	USPAT;	2004/09/15
09	0.5		US-PGPUB;	13:43
		germanium) with silicon)		13:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0004/00/45
70	0	waveguide same (cladding with (insulating	USPAT;	2004/09/15
		or dielectric)) same ((core with germanium)	US-PGPUB;	13:43
		with silicon)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
71	63	waveguide same (cladding) same ((core	USPAT;	2004/09/15
		with germanium) with silicon)	US-PGPUB;	13:44
	ŀ		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
72	0	waveguide same (cladding) same ((core	USPAT;	2004/09/15
		with germanium) with silicon) same	US-PGPUB;	13:44
		(dielectric or insulating)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
73	63	waveguide same (cladding) same ((core	USPAT;	2004/09/15
		with germanium) with silicon)	US-PGPUB;	13:45
			EPO; JPO;	
]			DERWENT;	
			IBM_TDB	
74	46	waveguide same (cladding) same ((core	USPAT;	2004/09/15
		near10 germanium near10 silicon))	US-PGPUB;	13:45
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
75	4	(waveguide same (cladding) same ((core	USPAT;	2004/09/15
		near10 germanium near10 silicon))).clm.	US-PGPUB;	13:47
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
76	13176	heterojunction	USPAT;	2004/09/15
			US-PGPUB;	13:47
	1		EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
77	117	silicon adj heterojunction	USPAT;	2004/09/15
			US-PGPUB;	13:47
] :		EPO; JPO;	
			DERWENT;	
			IBM_TDB	

	F			0004/00/45
78	0	silicon adj heterojunction and luxtera	USPAT;	2004/09/15
			US-PGPUB;	13:47
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	
79	3	silicon adj heterojunction and gunn	USPAT;	2004/09/15
İ			US-PGPUB;	13:47
			EPO; JPO;	
Ì			DERWENT;	
			IBM_TDB	
88	468	waveguide and core and cladding and	USPAT;	2004/09/15
		(heterostructure or heterojunction)	US-PGPUB;	13:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
89	0	waveguide and core and cladding and	USPAT;	2004/09/15
		(heterostructure or heterojunction) and	US-PGPUB;	13:49
		gunn	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
90	63	(US-6699765-\$ or US-6690871-\$ or	USPAT;	2004/09/15
		US-6690844-\$ or US-6671443-\$ or	US-PGPUB;	13:49
		US-6654511-\$ or US-6646747-\$ or	EPO; JPO;	
		US-6640021-\$ or US-6625348-\$ or	DERWENT	
		US-6611636-\$ or US-6608945-\$ or		
		US-6554491-\$ or US-6556735-\$ or		
		US-6442977-\$ or US-6449420-\$ or		
		US-6396988-\$ or US-6441906-\$ or		
		US-6316281-\$ or US-6389209-\$ or		
		US-6391214-\$ or US-6337937-\$ or		
		US-6355886-\$ or US-6192712-\$ or		
		US-6222951-\$ or US-6075908-\$ or		
		US-5915051-\$ or US-5917981-\$).did. or		
		(US-5841930-\$ or US-5790726-\$ or		
		US-5793913-\$ or US-5708739-\$ or		
		US-5625729-\$ or US-5682455-\$ or		
		US-5495548-\$ or US-5280189-\$ or		
		US-5132811-\$ or US-5347601-\$ or		
		US-4747663-\$ or US-4997246-\$ or		
		US-3843229-\$ or US-6788847-\$ or		
		US-6768856-\$).did. or (US-20040005131-\$ or		
		US-20030235933-\$ or US-20030231851-\$ or		
		US-20030179981-\$ or US-20030176075-\$ or		
		US-20030179981-9 or US-20030176079-9 or US-20030161571-\$ or		
		US-20030101371-\$ or US-20030100824-\$ or US-20030003735-\$ or US-20020164137-\$ or		
		US-20020154878-\$ or US-20020106174-\$ or		
		US-20020134676-\$ or US-20020106174-\$ or US-20020021879-\$ or		
		US-20040156589-\$ or US-20040136390-\$ or		
		US-20040008968-\$).did. or		
		· ·		
		(EP-793121-\$).did. or (JP-09318830-\$).did.		
		or (EP-1343199-\$ or EP-793121-\$ or		
L	1	US-20040092104-\$ or WO-200282134-\$).did.		

91	12	((US-6699765-\$ or US-6690871-\$ or	USPAT:	2004/09/15
31	"2	US-6690844-\$ or US-6671443-\$ or	US-PGPUB;	13:50
		US-6654511-\$ or US-6646747-\$ or	EPO; JPO;	
		US-6640021-\$ or US-6625348-\$ or	DERWENT;	
		US-6611636-\$ or US-6608945-\$ or	IBM_TDB	
		US-6554491-\$ or US-6556735-\$ or	15155	
		US-6442977-\$ or US-6449420-\$ or		
		US-6396988-\$ or US-6441906-\$ or		
		US-6316281-\$ or US-6389209-\$ or		
		US-6391214-\$ or US-6337937-\$ or		
		US-6355886-\$ or US-6192712-\$ or		
		US-6222951-\$ or US-6075908-\$ or		
		US-5915051-\$ or US-5917981-\$).did. or		
		(US-5841930-\$ or US-5790726-\$ or		
		US-5793913-\$ or US-5708739-\$ or		
		US-5625729-\$ or US-5682455-\$ or		
		US-5495548-\$ or US-5280189-\$ or		
		US-5132811-\$ or US-5347601-\$ or		
		US-4747663-\$ or US-4997246-\$ or		
		US-3843229-\$ or US-6788847-\$ or		
		US-6768856-\$).did. or (US-20040005131-\$ or		
		US-20030235933-\$ or US-20030231851-\$ or		
		US-20030179981-\$ or US-20030176075-\$ or		
		US-20030161571-\$ or US-20030100824-\$ or		
		US-20030003735-\$ or US-20020164137-\$ or		
		US-20020154878-\$ or US-20020106174-\$ or		
		US-20020021879-\$ or US-20040156590-\$ or		
		US-20040156589-\$ or US-20040092104-\$ or		
		US-20040008968-\$).did. or		
		(EP-793121-\$).did. or (JP-09318830-\$).did.		
		or (EP-1343199-\$ or EP-793121-\$ or		
		US-20040092104-\$ or		
	[WO-200282134-\$).did.) and (heterostructure		
		or heterojunction)		
92	0	"10600563" and (heterostructure or	USPAT;	2004/09/15
]	heterojunction)	US-PGPUB;	13:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
93	0	"10/600563" and (heterostructure or	USPAT;	2004/09/15
		heterojunction)	US-PGPUB;	13:51
]		EPO; JPO;	
			DERWENT;	
0.4	_	W40/000500W	IBM_TDB	
94	0	"10/600563"	USPAT;	2004/09/15
			US-PGPUB;	13:50
			EPO; JPO;	
			DERWENT;	
	<u> </u>		IBM_TDB	

95	20576	heterostructure or heterojunction	USPAT;	2004/09/15
			US-PGPUB;	13:51
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
96	637	(heterostructure or heterojunction) near10	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	13:52
		germanium)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
97	1	(heterostructure or heterojunction) near10	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	13:52
		germanium) and luxtera	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
98	4	(heterostructure or heterojunction) near10	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	13:53
		germanium) and (gunn or luxtera)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
99	0	((heterostructure or heterojunction) near10	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	13:56
		germanium)) same waveguide same	EPO; JPO;	
		cladding same core same (insulating or	DERWENT;	
		dielectric)	IBM_TDB	
100	1	(core with (heterostructure or	USPAT;	2004/09/15
		heterojunction) near10 ((si/ge) or	US-PGPUB;	13:56
		(silicon/germanium) or germanium))	EPO; JPO;	
			DERWENT;	
101		(IBM_TDB	0004/00/45
101	4	(core with (heterostructure or heterojunction or hetero-structure or	USPAT;	2004/09/15
	:	hetero-junction or netero-structure or hetero-junction) with ((si/ge) or	US-PGPUB;	14:01
		(silicon/germanium) or germanium))	EPO; JPO; DERWENT;	
		(Sincon/germanium) or germanium))	IBM_TDB	
102	652	((heterojunction or hetero-junction) with	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	14:01
		germanium))	EPO; JPO;	1-101
		34	DERWENT;	
			IBM_TDB	
103	0	((heterojunction or hetero-junction) with	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	14:02
		germanium)) same core	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
104	1 1	((heterojunction or hetero-junction) with	USPAT;	2004/09/15
		((si/ge) or (silicon/germanium) or	US-PGPUB;	14:03
		germanium)) same (waveguide or core or	EPO; JPO;	
		cladding)	DERWENT;	
			IBM_TDB	

		Т	_	
105	0	core near10 (silicon adj layer) near10	USPAT;	2004/09/15
		(germanium adj layer)	US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
106	0	core with (silicon adj layer) near10	USPAT;	2004/09/15
		(germanium adj layer)	US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
107	0	core with (silicon adj layer) with	USPAT;	2004/09/15
		(germanium adj layer)	US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
108	3	core with (silicon) with (germanium adj	USPAT;	2004/09/15
		layer)	US-PGPUB;	14:04
		ingo.,	EPO; JPO;	14104
			DERWENT;	
			IBM_TDB	
109	295	core with (silicon) with (germanium)	_	2004/09/15
109	295	core with (silicon) with (germanium)	USPAT;	
			US-PGPUB;	14:04
			EPO; JPO;	
			DERWENT;	
440	404		IBM_TDB	
110	131	(core with (silicon) with (germanium)) same	USPAT;	2004/09/15
		cladding	US-PGPUB;	14:05
			EPO; JPO;	
			DERWENT;	
.0.			IBM_TDB	
111	63	(core with (silicon) with (germanium)) same	USPAT;	2004/09/15
		cladding same waveguide	US-PGPUB;	14:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
112	5	((core with (silicon) with (germanium))	USPAT;	2004/09/15
	1	same cladding same waveguide).clm.	US-PGPUB;	14:06
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
113	11	(silicon adj layer) and (germanium adj layer)	USPAT;	2004/09/15
	}	and cladding and core and waveguide	US-PGPUB;	14:11
		-	EPO; JPO;	
	[DERWENT;	
			IBM_TDB	
114	0	germanium adj on adj silicon adj	USPAT;	2004/09/15
]	heterojunction	US-PGPUB;	14:12
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	

115	160	romanium noor cilican noor betarelynation	USPAT;	2004/09/15
115	160	germanium near silicon near heterojunction	US-PGPUB;	14:12
			EPO; JPO;	14:12
			DERWENT;	
			IBM_TDB	
116	0	core with (germanium near silicon near	USPAT;	2004/09/15
116		heterojunction)	US-PGPUB;	14:12
			EPO; JPO;	14.12
			DERWENT;	
İ			IBM_TDB	
117	0	core with ((ge or germanium) near (si or	USPAT;	2004/09/15
***		silicon) near heterojunction)	US-PGPUB;	14:13
		sincer, near necessianeron,	EPO; JPO;	14110
			DERWENT;	
}			IBM_TDB	
118	O	core with ((ge or germanium) near5 (si or	USPAT;	2004/09/15
		silicon) near5 heterojunction)	US-PGPUB;	14:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
119	0	core same ((ge or germanium) near5 (si or	USPAT;	2004/09/15
		silicon) near5 heterojunction)	US-PGPUB;	14:13
		, ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
120	437	((ge or germanium) near5 (si or silicon)	USPAT;	2004/09/15
		near5 heterojunction)	US-PGPUB;	14:13
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
121	1	((ge or germanium) near5 (si or silicon)	USPAT;	2004/09/15
		near5 heterojunction) and core and	US-PGPUB;	14:14
		cladding and waveguide	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
122	0	(core with ((silicon or si) adj layer)) with	USPAT;	2004/09/15
		((germanium or ge) adj layer)	US-PGPUB;	14:15
:			EPO; JPO;	
			DERWENT;	
400			IBM_TDB	0004/00/27
123	0	core with ((silicon or si) adj layer) with	USPAT;	2004/09/15
		((germanium or ge) adj layer)	US-PGPUB;	14:15
			EPO; JPO;	
			DERWENT;	
124	1	core same ((silican as si) adi layer) with	IBM_TDB	2004/09/15
124		core same ((silicon or si) adj layer) with ((germanium or ge) adj layer)	USPAT; US-PGPUB;	2004/09/15 14:16
	•	(/Actinguight of Act and taket)	EPO; JPO;	1-7. 10
			DERWENT;	
			IBM_TDB	
L			IDM_IDD	

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125	6	core and cladding and ((silicon or si) adj	USPAT;	2004/09/15
		layer) with ((germanium or ge) adj layer)	US-PGPUB;	14:18
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
126	6	luxtera	USPAT;	2004/09/15
			US-PGPUB;	14:19
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
127	3	luxtera and (germanium or ge)	USPAT;	2004/09/15
		·········· (germannann er ge/	US-PGPUB;	14:20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
128	1014	(germanium adj layer) not near2 silicon	USPAT;	2004/09/15
120	1014	(germanium auj rayer) not nearz sincon	US-PGPUB;	14:21
			EPO; JPO;	14.21
			DERWENT;	
			•	
129	3255	(/marmanium ar ga) adi lawa)	IBM_TDB	2004/00/45
129	3235	((germanium or ge) adj layer)	USPAT;	2004/09/15
			US-PGPUB;	14:21
			EPO; JPO;	
			DERWENT;	
400	4==0		IBM_TDB	
130	1572	((germanium or ge) adj layer) near (silicon	USPAT;	2004/09/15
		or si)	US-PGPUB;	14:21
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
131	1683	(((germanium or ge) adj layer)) not	USPAT;	2004/09/15
		(((germanium or ge) adj layer) near (silicon	US-PGPUB;	14:22
		or si))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
132	148	((((germanium or ge) adj layer)) not	USPAT;	2004/09/15
		(((germanium or ge) adj layer) near (silicon	US-PGPUB;	14:22 `
		or si))) and (photodetector or waveguide)	EPO; JPO;	
			DERWENT;	
ļ			IBM_TDB	
133	41	((((germanium or ge) adj layer)) not	USPAT;	2004/09/15
		(((germanium or ge) adj layer) near (silicon	US-PGPUB;	14:22
		or si))) and (photodetector or waveguide)	EPO; JPO;	
		and cladding	DERWENT;	
			IBM_TDB	
134	23	((((germanium or ge) adj layer)) not	USPAT;	2004/09/15
		(((germanium or ge) adj layer) near (silicon	US-PGPUB;	14:41
		or si))) and (photodetector or waveguide)	EPO; JPO;	
		and cladding and core	DERWENT;	
		•	IBM_TDB	

135	1424	((silicon or si) adj layer) and ((germanium or ge) adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:43
136	1311	(((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near2 (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:47
137	113	(((silicon or si) adj layer) and ((germanium or ge) adj layer)) not (((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near2 (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:47
)		

138	5	((((silicon or si) adj layer) and ((germanium or ge) adj layer)) not ((((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near2 (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:45
)		
) and (photodetector or waveguide)		
139	5	((((silicon or si) adj layer) and ((germanium	USPAT;	2004/09/15
		or ge) adj layer)) not ((((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near2 (germanium or ge))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	14:47
)		
) and (photodetector or waveguide)		

140	3	((((silicon or si) adj layer) and ((germanium or ge) adj layer)) not ((((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near2 (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:47
141	1240) and (photodetector or waveguide) and cladding (((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:47
142	184	(((silicon or si) adj layer) and ((germanium or ge) adj layer)) not (((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:48

143	4	((((silicon or si) adj layer) and ((germanium or ge) adj layer)) not ((((silicon or si) adj layer) and ((germanium or ge) adj layer)) and ((silicon or si) near (germanium or ge))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15
144	1424) and cladding ((silicon or si) adj layer) and ((germanium or ge) adj layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:49
145	33	((silicon or si) adj layer) and ((germanium or ge) adj layer) and cladding	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:49
146	18	((silicon or si) adj layer) and ((germanium or ge) adj layer) and cladding and core	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 14:49
147	15	((silicon or si) adj layer) and ((germanium or ge) adj layer) and cladding and core and (waveguide or photodetector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:26
148	6	(((silicon or si) adj layer) and ((germanium or ge) adj layer) and cladding and core and (waveguide or photodetector)) and (silicon near5 (contact or conducting or conductive))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:27
149	6	(((silicon or si) adj layer) and ((germanium or ge) adj layer) and cladding and core and (waveguide or photodetector)) and (silicon near10 (contact or conducting or conductive))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/15 15:28

150	85	(US-6699765-\$ or US-6690871-\$ or	USPAT;	2004/09/15
		US-6690844-\$ or US-6671443-\$ or	US-PGPUB;	15:28
		US-6654511-\$ or US-6646747-\$ or	EPO; JPO;	
		US-6640021-\$ or US-6625348-\$ or	DERWENT	
		US-6611636-\$ or US-6608945-\$ or		
		US-6554491-\$ or US-6556735-\$ or		
		US-6442977-\$ or US-6449420-\$ or		
		US-6396988-\$ or US-6441906-\$ or		
		US-6316281-\$ or US-6389209-\$ or		
		US-6391214-\$ or US-6337937-\$ or		
		US-6355886-\$ or US-6192712-\$ or		
		US-6222951-\$ or US-6075908-\$ or		
		US-5915051-\$ or US-5917981-\$).did. or		
		(US-5841930-\$ or US-5790726-\$ or		
		US-5793913-\$ or US-5708739-\$ or		
		US-5625729-\$ or US-5682455-\$ or		
		US-5495548-\$ or US-5280189-\$ or		
		US-5132811-\$ or US-5347601-\$ or		
		US-4747663-\$ or US-4997246-\$ or		
		US-3843229-\$ or US-6788847-\$ or		
		US-6768856-\$ or US-6158901-\$ or		
		US-6734453-\$ or US-6684007-\$ or		i
		US-5533156-\$ or US-5465312-\$ or		
		US-6075253-\$ or US-6472594-\$ or		
		US-5861324-\$ or US-5681402-\$ or		
		US-6463088-\$ or US-4717225-\$ or		
		US-4715875-\$).did. or (US-4711525-\$ or		
		US-4597787-\$ or US-4426129-\$ or		
		US-4261771-\$ or US-4205329-\$).did. or		
		(US-20040005131-\$ or US-20030235933-\$ or		
		US-20030231851-\$ or US-20030179981-\$ or		
		US-20030176075-\$ or US-20030161571-\$ or		
		US-20030100824-\$ or US-20030003735-\$ or		
		US-20020164137-\$ or US-20020154878-\$ or		
		US-20020106174-\$ or US-20020021879-\$ or		
		US-20040156590-\$ or US-20040156589-\$ or		
		US-20040092104-\$ or US-20040008968-\$ or		
		US-20040056243-\$ or US-20020048289-\$ or		
		US-20020028045-\$).did. or		
		(EP-793121-\$).did. or (JP-09318830-\$ or		
		JP-59141276-\$).did. or (EP-1343199-\$ or		
		EP-793121-\$ or US-20040092104-\$ or		
		WO-200282134-\$ or US-20030102469-\$).did.		

151	24	((US-6699765-\$ or US-6690871-\$ or	USPAT;	2004/09/15
		US-6690844-\$ or US-6671443-\$ or	US-PGPUB;	15:29
		US-6654511-\$ or US-6646747-\$ or	EPO; JPO;	
		US-6640021-\$ or US-6625348-\$ or	DERWENT;	
		US-6611636-\$ or US-6608945-\$ or	IBM_TDB	
		US-6554491-\$ or US-6556735-\$ or	_	
		US-6442977-\$ or US-6449420-\$ or		
		US-6396988-\$ or US-6441906-\$ or		
		US-6316281-\$ or US-6389209-\$ or		
		US-6391214-\$ or US-6337937-\$ or		
		US-6355886-\$ or US-6192712-\$ or		
		US-6222951-\$ or US-6075908-\$ or		
		US-5915051-\$ or US-5917981-\$).did. or		
		(US-5841930-\$ or US-5790726-\$ or		
		US-5793913-\$ or US-5708739-\$ or		
		US-5625729-\$ or US-5682455-\$ or		
		US-5495548-\$ or US-5280189-\$ or		
		US-5132811-\$ or US-5347601-\$ or		
		US-4747663-\$ or US-4997246-\$ or		
		US-3843229-\$ or US-6788847-\$ or		
		US-6768856-\$ or US-6158901-\$ or		
		US-6734453-\$ or US-6684007-\$ or		
		US-5533156-\$ or US-5465312-\$ or		
		US-6075253-\$ or US-6472594-\$ or		
		US-5861324-\$ or US-5681402-\$ or		
		US-6463088-\$ or US-4717225-\$ or		
		US-4715875-\$).did. or (US-4711525-\$ or		
		US-4597787-\$ or US-4426129-\$ or		
		US-4261771-\$ or US-4205329-\$).did. or		
		(US-20040005131-\$ or US-20030235933-\$ or		
		US-20030231851-\$ or US-20030179981-\$ or		
		US-20030176075-\$ or US-20030161571-\$ or		
		US-20030100824-\$ or US-20030003735-\$ or		
		US-20020164137-\$ or US-20020154878-\$ or		
		US-20020106174-\$ or US-20020021879-\$ or		
		US-20040156590-\$ or US-20040156589-\$ or		
		US-20040092104-\$ or US-20040008968-\$ or		
		US-20040056243-\$ or US-20020048289-\$ or		
		US-20020028045-\$).did. or		
		(EP-793121-\$).did. or (JP-09318830-\$ or		
		JP-59141276-\$).did. or (EP-1343199-\$ or		
		EP-793121-\$ or US-20040092104-\$ or		
		WO-200282134-\$ or		
		US-20030102469-\$).did.) and (silicon near10		
		(contact or conducting or conductive))		

152	2	((US-6699765-\$ or US-6690871-\$ or	USPAT;	2004/09/15
	_	US-6690844-\$ or US-6671443-\$ or	US-PGPUB;	15:29
		US-6654511-\$ or US-6646747-\$ or	EPO; JPO;	
		US-6640021-\$ or US-6625348-\$ or	DERWENT;	
		US-6611636-\$ or US-6608945-\$ or	IBM TDB	
		US-6554491-\$ or US-6556735-\$ or		
		US-6442977-\$ or US-6449420-\$ or		
		US-6396988-\$ or US-6441906-\$ or		
		US-6316281-\$ or US-6389209-\$ or		
	l	US-6391214-\$ or US-6337937-\$ or		
		US-6355886-\$ or US-6192712-\$ or		
		US-6222951-\$ or US-6075908-\$ or		
		US-5915051-\$ or US-5917981-\$),did, or		
		(US-5841930-\$ or US-5790726-\$ or		
		US-5793913-\$ or US-5708739-\$ or		
		US-5625729-\$ or US-5682455-\$ or		
		US-5495548-\$ or US-5280189-\$ or		
		US-5132811-\$ or US-5347601-\$ or		
		US-4747663-\$ or US-4997246-\$ or		
		US-3843229-\$ or US-6788847-\$ or		
		US-6768856-\$ or US-6158901-\$ or		
l		US-6734453-\$ or US-6684007-\$ or		
		US-5533156-\$ or US-5465312-\$ or		
		US-6075253-\$ or US-6472594-\$ or		
		US-5861324-\$ or US-5681402-\$ or		
		US-6463088-\$ or US-4717225-\$ or		
		US-4715875-\$).did. or (US-4711525-\$ or		
		US-4597787-\$ or US-4426129-\$ or		
		US-4261771-\$ or US-4205329-\$).did. or		
		(US-20040005131-\$ or US-20030235933-\$ or		
		US-20030231851-\$ or US-20030179981-\$ or		
		US-20030176075- \$ or US-20030161571- \$ or		
-		US-20030100824-\$ or US-20030003735-\$ or		
		US-20020164137-\$ or US-20020154878-\$ or		
		US-20020106174-\$ or US-20020021879-\$ or		
		US-20040156590-\$ or US-20040156589-\$ or		
		US-20040092104-\$ or US-20040008968-\$ or		
		US-20040056243-\$ or US-20020048289-\$ or		
		US-20020028045-\$).did. or		
		(EP-793121-\$).did. or (JP-09318830-\$ or		
		JP-59141276-\$).did. or (EP-1343199-\$ or		
		EP-793121-\$ or US-20040092104-\$ or		
		WO-200282134-\$ or		
		US-20030102469-\$).did.) and (((si or silicon)		
		adj layer) near10 (contact or conducting or		
L	L	conductive))		